

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU053023\
 Data File : VU054304.D
 Acq On : 30 May 2023 11:01
 Operator : JC/MD
 Sample : VU0530WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0530WBS01

Quant Time: May 31 06:22:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052523W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 26 06:40:51 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.369	168	200408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.243	114	332618	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.411	117	319965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.806	152	175332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.694	65	140450	53.461	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.920%			
35) Dibromofluoromethane	5.282	113	113037	52.772	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.540%			
50) Toluene-d8	7.893	98	425761	52.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.520%			
62) 4-Bromofluorobenzene	10.626	95	156738	49.615	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	48249	21.566	ug/l	97
3) Chloromethane	1.520	50	62790	21.434	ug/l	99
4) Vinyl Chloride	1.604	62	62248	22.271	ug/l	100
5) Bromomethane	1.855	94	33545	21.681	ug/l	99
6) Chloroethane	1.925	64	30647	22.737	ug/l	99
7) Trichlorofluoromethane	2.134	101	77485	20.151	ug/l	95
8) Diethyl Ether	2.372	74	31153	21.884	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.578	101	44547	21.397	ug/l	96
10) Methyl Iodide	2.719	142	44125	19.199	ug/l	97
11) Tert butyl alcohol	3.208	59	72526m	102.200	ug/l	
12) 1,1-Dichloroethene	2.575	96	43017	19.955	ug/l	91
13) Acrolein	2.485	56	68868	93.285	ug/l	100
14) Allyl chloride	2.919	41	80220	21.462	ug/l	87
15) Acrylonitrile	3.311	53	170022	106.859	ug/l	100
16) Acetone	2.629	43	159003	105.587	ug/l	97
17) Carbon Disulfide	2.790	76	128819	20.220	ug/l	99
18) Methyl Acetate	2.945	43	118734	21.594	ug/l	94
19) Methyl tert-butyl Ether	3.359	73	144477	20.475	ug/l	97
20) Methylene Chloride	3.041	84	54469	20.049	ug/l	91
21) trans-1,2-Dichloroethene	3.350	96	48014	20.804	ug/l	99
22) Diisopropyl ether	3.986	45	149243	22.528	ug/l	83
23) Vinyl Acetate	3.948	43	536191	110.921	ug/l	98
24) 1,1-Dichloroethane	3.864	63	92452	21.795	ug/l	98
25) 2-Butanone	4.700	43	220490	110.587	ug/l	96
26) 2,2-Dichloropropane	4.658	77	76722	20.696	ug/l	99
27) cis-1,2-Dichloroethene	4.662	96	53296	20.759	ug/l	92
28) Bromochloromethane	4.967	49	43611	22.217	ug/l	82
29) Tetrahydrofuran	5.047	42	138501	110.512	ug/l	91
30) Chloroform	5.083	83	90819	21.062	ug/l	97
31) Cyclohexane	5.379	56	77420	20.870	ug/l	95
32) 1,1,1-Trichloroethane	5.308	97	79465	21.227	ug/l	99
36) 1,1-Dichloropropene	5.520	75	62642	18.619	ug/l	98
37) Ethyl Acetate	4.797	43	76623	18.688	ug/l #	89
38) Carbon Tetrachloride	5.520	117	68842	19.992	ug/l	97
39) Methylcyclohexane	6.755	83	74648	19.589	ug/l	93
40) Benzene	5.768	78	197605	20.591	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.967	41	41832	22.075	ug/l	92
42) 1,2-Dichloroethane	5.790	62	69941	20.063	ug/l	99
43) Isopropyl Acetate	5.906	43	115499	20.422	ug/l	99
44) Trichloroethene	6.536	130	50867	18.962	ug/l	88
45) 1,2-Dichloropropane	6.784	63	53927	21.541	ug/l	99
46) Dibromomethane	6.912	93	38391	20.833	ug/l	93
47) Bromodichloromethane	7.099	83	70916	20.578	ug/l	99
48) Methyl methacrylate	6.954	41	52757	21.035	ug/l	91
49) 1,4-Dioxane	6.993	88	28034	387.173	ug/l #	1
51) 4-Methyl-2-Pentanone	7.784	43	393879	104.361	ug/l	99
52) Toluene	7.964	92	122546	20.027	ug/l	99
53) t-1,3-Dichloropropene	8.205	75	81102	20.570	ug/l	99
54) cis-1,3-Dichloropropene	7.600	75	84556	20.550	ug/l	99
55) 1,1,2-Trichloroethane	8.395	97	53241	20.995	ug/l	97
56) Ethyl methacrylate	8.327	69	76528	20.274	ug/l	95
57) 1,3-Dichloropropane	8.568	76	89870	20.579	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.459	63	13714	56.666	ug/l	97
59) 2-Hexanone	8.681	43	307660	103.192	ug/l	98
60) Dibromochloromethane	8.803	129	56070	21.763	ug/l	98
61) 1,2-Dibromoethane	8.919	107	58614	21.238	ug/l	98
64) Tetrachloroethene	8.546	164	48999	20.347	ug/l	97
65) Chlorobenzene	9.443	112	132188	19.762	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.530	131	50158	20.670	ug/l	99
67) Ethyl Benzene	9.565	91	226966	19.847	ug/l	97
68) m/p-Xylenes	9.687	106	176315	40.675	ug/l	94
69) o-Xylene	10.095	106	83932	20.002	ug/l	93
70) Styrene	10.108	104	142955	20.543	ug/l	97
71) Bromoform	10.285	173	45370	21.516	ug/l #	100
73) Isopropylbenzene	10.478	105	221044	20.357	ug/l	97
74) N-amyl acetate	10.314	43	93012	20.173	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.777	83	92197	20.984	ug/l	99
76) 1,2,3-Trichloropropane	10.819	75	103932	20.310	ug/l	94
77) Bromobenzene	10.777	156	59264	19.875	ug/l	90
78) n-propylbenzene	10.899	91	271556	20.415	ug/l	96
79) 2-Chlorotoluene	10.980	91	164956	20.483	ug/l	93
80) 1,3,5-Trimethylbenzene	11.082	105	187417	20.296	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.539	75	26982	20.078	ug/l	95
82) 4-Chlorotoluene	11.092	91	188057	19.902	ug/l	95
83) tert-Butylbenzene	11.414	119	184328	19.962	ug/l	95
84) 1,2,4-Trimethylbenzene	11.462	105	185935	20.239	ug/l	99
85) sec-Butylbenzene	11.639	105	236468	20.182	ug/l	99
86) p-Isopropyltoluene	11.787	119	193227	19.607	ug/l	97
87) 1,3-Dichlorobenzene	11.742	146	111014	19.228	ug/l	97
88) 1,4-Dichlorobenzene	11.832	146	112317	18.621	ug/l	98
89) n-Butylbenzene	12.205	91	171218	18.457	ug/l	98
90) Hexachloroethane	12.468	117	37064	21.259	ug/l	90
91) 1,2-Dichlorobenzene	12.208	146	113426	19.970	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.992	75	22238	22.193	ug/l	87
93) 1,2,4-Trichlorobenzene	13.835	180	72994	19.148	ug/l	97
94) Hexachlorobutadiene	14.015	225	36007	19.770	ug/l	99
95) Naphthalene	14.082	128	223939	18.572	ug/l	99
96) 1,2,3-Trichlorobenzene	14.324	180	72229	18.878	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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